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COMPANY: U. S. Patent Office, Art Unit 1638

FAX NO.: (703) 872-9306

FROM: Jeff Lloyd 

DATE: April 12, 2004

NUMBER OF PAGES (INCLUDING COVER SHEET): 5

MESSAGE:

Re: U.S. Patent Application Serial No. 10/627,886; filed July 24, 2003
Novel Polypeptides and Polynucleotides Relating to the Alpha- and
Beta-Subunits of Glutamate Dehydrogenases and Methods of Use
Our Docket No.: UF-155CD3

1. Information Disclosure Statement (2 pages)
2. PTO Form-1449 (2 pages)

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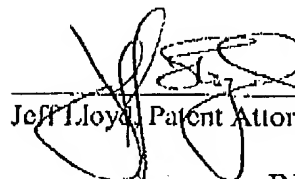
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INFORMATION DISCLOSURE
STATEMENT

Patent Application
Docket No. UF-155CD3
Serial No. 10/627,886

OFFICIAL

 25,589
Jeff Lloyd, Patent Attorney

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : (not yet assigned)
Art Unit : 1638
Applicant(s) : Robert R. Schmidt, Philip Miller
Serial No. : 10/627,886
Filed : June 26, 2003
For : Novel Polypeptides and Polynucleotides Relating to the Alpha- and Beta-
Subunits of Glutamate Dehydrogenases and Methods of Use

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§1.97 AND 1.98

Sir:

In accordance with 37 CFR §1.97 and §1.98(d), Applicants would like to bring to the attention of the Examiner, the references cited in the following patent applications:

U.S. Serial No. 09/070,844; filed May 1, 1998

U.S. Serial No. 08/725,596; filed October 3, 1996; and

U.S. Serial No. 08/541,033; filed October 6, 1995.

The subject application, Serial No. 10/627,886 claims the benefit under 35 USC §120 of the filing date of the above U.S. Patent Applications Serial Nos. 09/070,844; 08/725,596; and 08/541,033. Applicants respectfully request that the copies of references cited during prosecution thereof, be made of record in the 10/627,886 application. As copies of the references filed in the parent

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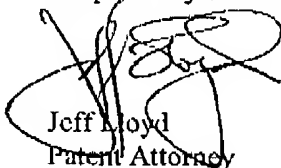
Docket No. UF-155CD3
Serial No. 10/627,886

applications, and cited on the attached form PTO-1449, will be found in the parent casefile, copies of those references are not provided herewith.

It is respectfully requested that the references cited in the above-noted parent application be considered in the examination of the subject application and their consideration be made of record.

Applicants respectfully assert that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statements.

Respectfully submitted,



Jeff Lloyd

Patent Attorney

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Enclosure: PTO-1449

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Sheet 1 of 2

Form PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. UT-155CD3		SERIAL NO. 10/627,886	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S): Robert Schmidt, Phillip Miller			
				FILING DATE July 24, 2003		GROUP ART UNIT 1638	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER		DATE	NAME	CLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	TRANSLATION YES NO
	AA	WO	95 0 9 9 1 1	4-13-95	PCT		Yes
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AB	Cock, J.M. et al. (1991) "A nuclear gene with many introns encoding ammonium-inducible chloroplastic NADP-specific glutamate dehydrogenase(s) in <i>Chlorella sorokiniana</i> " Plant Molecular Biology 17:1023-1044					
	AC	Bascomb, N.F. et al. (1987) "Different Rates of Synthesis and Degradation of Two Chloroplastic Ammonium-inducible NADP-Specific Glutamate Dehydrogenase Isoenzymes during Induction and Deinduction of <i>Chlorella sorokiniana</i> Cells" Plant Physiol. 83:85-91					
	AD	Bascomb, N.F., R. R. Schmidt (1987) "Purification and Partial Kinetic and Physical Characterization of Two Chloroplast-Localized NADP-Specific Glutamate Dehydrogenase Isoenzymes and Their Preferential Accumulation in <i>Chlorella sorokiniana</i> Cells Cultured at Low or High Ammonium Levels" Plant Physiol. 83:75-84.					
	AE	Prunkard, D.E. et al. (1986) "Effect of Different Carbon Sources on the Ammonium Induction of Different Forms of NADP-Specific Glutamate Dehydrogenase in <i>Chlorella sorokiniana</i> Cells Cultured in the Light and Dark" Plant Physiol. 81:413-422.					
	AF	Yeung, A.T. et al. (1981) "Purification of an Ammonium-Inducible Glutamate Dehydrogenase and the Use of its Antigen Affinity Column-Purified Antibody in Specific Immunoprecipitation and Immunoabsorption Procedures" Analytical Biochemistry 110:216-228					
	AG	Meredith, M.J. et al. (1978) "Physical and Kinetic Properties of the Nicotinamide Adenine Dinucleotide-specific Glutamate Dehydrogenase Purified from <i>Chlorella sorokiniana</i> " Plant Physiol. 61:967-974					
	AH	Srivastava, H.S., R. P. Singh (1987) "Role and Regulation of L-Glutamate Dehydrogenase Activity in Higher Plants" Phytochemistry 26(3):597-610.					
	AI	Prunkard, D. E. et al. (1986) "Evidence for Chloroplastic Localization of an Ammonium-Inducible Glutamate Dehydrogenase and Synthesis of its Subunit from a Cytosolic Precursor-Protein in <i>Chlorella sorokiniana</i> " Plant Physiol. 81:349-355.					
	AJ	Wallsgrave, R.M. et al. (1987) "Barley Mutants Lacking Chloroplast Glutamine Synthetase-Biochemical and Genetic Analysis" Plant Physiol. 83:155-158.					
EXAMINER				DATE CONSIDERED			
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							

Sheet 2 of

Form PTO-1449
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
UF-155CD3

SERIAL NO.
10/627,886

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S): Robert R. Schmidt and Philip Miller

FILING DATE
July 24, 2003

GROUP ART UNIT
1638

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AJ	Mifflin, B.J. P. J. Lea (1976) "The Pathway of Nitrogen Assimilation in Plants" Phytochemistry 15:873-886.
AK	"Niotinasimide Adenine Di Nucleotide Glutamate Dehydrogenase Obtain Chlorella Cell Buffer Extract Two Stage Chromatography Phosphate Buffer Elution" (1982) Biochem. Inst., -abstract only.In
AL	Napoli et al. Introduction of a chimeric chalcone synthase gene into petunia results lin reversible co-suppression of homologous genes in trans. The Plant Cell, 2:279-289 (1990)
AM	MPSEARCHII results for SEQ ID NO: 1-4 and 7-26 showing at least result 1, the closest prior art.
	Bascomb, N.F. et al. (1986) "Specific Polysome Innunoadsorption to Purify an Ammonium-Inducible Glutamate Dehydrogenase MRNA from <i>Chlorella sorokiniana</i> and synthesis of Full Length Double-Stranded cDNA from the Purified MRNA" Plant Physio. 81:527-532
AN	Miller, P. W. et al. (1994) "Transcription initiation site of a NADP-specific glutamate dehydrogenase gene and potential use of its promoter region to express foreign genes in ammonium-cultured <i>Chlorella sorokiniana</i> cells" Journal of Applied Phycology 5:211-223.
AO	Maradith, M. J., R.R. Schmidt (1991) "NAD-Specific glutamate dehydrogenase isoenzyme localized in mitochondria of nitrate-cultured <i>Chlorella sorokinian</i> cells" Plant Physio. 10:67-71.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.